

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	820	koji near3 shimizu	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:26
S2	580	ito near2 akihiko	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:32
S3	19	S1 & S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:33
S4	1447	345/100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 13:32
S5	258695	(select\$4 near4 circuit \$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:34
S6	609	S4 & S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:35
S7	375817	(select\$4 near3 signal \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:38
S8	114102	S5 & S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:38
S9	486	S4 & S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:38
S10	63623	(de\$1multiplex\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:47
S11	381559	(de\$1multiplex\$4   multiplex\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:39
S12	134	S9 & S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:43
S13	17554	((data   video) near3 line near3 select\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:43
S14	1739	S11 same S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:44
S15	170	S10 same S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:44

S16	367645	((tim\$3 near3 generat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:44
S17	1238778	((tim\$3   signal\$3) near3 generat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:45
S18	3	S15 same S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:45
S19	13	S15 same S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:45
S20	304	S4 & S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 09:06
S21	52	S4 & S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 09:09
S22	2	"6980195".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 09:31
S23	9	"2325329"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 09:31
S24	1	1998-560245.NRAN.	DERWENT	OR	OFF	2006/09/12 09:35
S25	1	"5170158".pn.	DERWENT	OR	OFF	2006/09/12 09:43
S26	17826	(data near3 driv\$3)	DERWENT	OR	OFF	2006/09/12 09:43
S27	244	S11 same S26	DERWENT	OR	OFF	2006/09/12 09:43
S28	46	S10 same S26	DERWENT	OR	OFF	2006/09/12 09:46
S29	71	S10 & S26	DERWENT	OR	OFF	2006/09/12 09:46
S30	25	S29 not S28	DERWENT	OR	OFF	2006/09/12 09:51
S31	25321	((data   column   video) near3 (driv\$3))	DERWENT	OR	OFF	2006/09/12 13:26
S32	89	S10 & S31	DERWENT	OR	OFF	2006/09/12 09:51
S33	18	S32 not S29	DERWENT	OR	OFF	2006/09/12 09:53
S34	312	S5 same S31	DERWENT	OR	OFF	2006/09/12 09:55
S35	73899	(switch\$3 near3 signal\$1)	DERWENT	OR	OFF	2006/09/12 13:35

S36	9	S34 & S35	DERWENT	OR	OFF	2006/09/12 09:55
S37	51	S31 & (S5   S11) & S35	DERWENT	OR	OFF	2006/09/12 13:34
S38	75221	((signal   image   display) near3 (driv\$3))	DERWENT	OR	OFF	2006/09/12 13:30
S39	243	S38 & (S5   S11) & S35	DERWENT	OR	OFF	2006/09/12 13:28
S40	0	"345"/\$!.ccls.	DERWENT	OR	OFF	2006/09/12 13:28
S41	0	"345"/\$!.ccls.	DERWENT	OR	OFF	2006/09/12 13:29
S42	0	("345"/\$!).ccls.	DERWENT	OR	OFF	2006/09/12 13:29
S43	0	"345"/\$3.ccls.	DERWENT	OR	OFF	2006/09/12 13:29
S44	425616	((signal   image   display) near3 (driv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 13:31
S45	518914	((signal   image   display   data   column) near3 (driv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:47
S46	76726	"345"/\$!.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 13:32
S47	9441	S10 & S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 13:32
S48	1677	S10 same S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 13:32
S49	397814	(switch\$3 near3 signal \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:49
S50	175	S45 & (S5   S10) & S49	DERWENT	OR	OFF	2006/09/12 14:19
S51	11	S45 & S10 & S49	DERWENT	OR	OFF	2006/09/12 14:20
S52	4	"5051739".pn.   "5712653".pn.   "5870071".pn.   "6232939".pn.	DERWENT	OR	OFF	2006/09/12 14:07
S53	1361	signal\$1 near3 (both   oppos\$4) near4 (end\$1   side\$1)	DERWENT	OR	OFF	2006/09/12 14:08
S54	27	(supply\$3 near3 signal \$1 near3 (both   oppos \$4) near4 (end\$1   side \$1))	DERWENT	OR	OFF	2006/09/12 14:20

S55	23962	S45 & (S5   S10) & S49	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/09/12 14:19
S56	3405	S45 & S10 & S49	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/12 14:21
S57	166	((supply\$3 near3 signal \$1 near3 (both   oppos \$4) near4 (end\$1   side \$1)))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/12 14:20
S58	1	S56 & S57	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/12 14:20
S59	173	S46 & S56	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/12 14:33
S60	2	"6566643".pn.   "6650462".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/12 14:34
S61	633113	((signal   image   display   data   column   source) near3 (driv \$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:47
S62	64548	((de\$1multiplex\$4   de \$1mux\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:47
S63	1430364	((switch\$3   control\$4) near3 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:49
S64	8025	S61 & S62 & S63	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:49
S65	425	S46 & S64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:50
S66	252	S65 not S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:21
S67	219691	((control near3 signal\$1 near3 generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:23
S68	1704	((control near3 signal\$1 near3 generat\$3) same ((both   oppos\$4) near4 (end\$1   side \$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:32
S69	602	S61 & S68	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:24

S70	164	S61 same S68	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:24
S71	5	((supply\$3   feed\$3   provid\$3   deliver\$3 ) near6 (control near3 signal\$1 near3 generat \$3) near6 ((both   oppos\$4) near4 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:35
S72	81	((supply\$3   feed\$3   provid\$3   deliver\$3 ) near6 (control near3 signal\$1 near3 generat \$3) same ((both   oppos \$4) near4 (end\$1   side \$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:41
S73	58	((supply\$3   feed\$3   provid\$3   deliver\$3 ) near6 (signal\$1 near3 generat\$3) near4 ((both   oppos\$4) near4 (end\$1   side \$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:43
S74	53	S73 not S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:42
S75	1212	((supply\$3   feed\$3   provid\$3   deliver\$3 ) near6 (signal\$1) near4 ((both   oppos\$4) near4 (end\$1   side \$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 17:17
S76	76726	"345"! .cols.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:59
S77	53	S75 & S76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:59
S78	854	((supply\$3   feed\$3   provid\$3   deliver\$3 ) near6 (signal\$1) near4 ((first & second) near4 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 17:01
S79	35	S76 and S78	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 17:01
S80	9	("5745087"   "5748164"   "6160535"   "6169532").PN. OR ("6262702").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2006/09/12 17:14

S81	9	((supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj signal\$1) near4 ((both   oppos\$4) near4 (end\$1   side \$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:51
S82	0	((supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj signal\$1) near4 ((first & second) near4 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 17:28
S83	0	((supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj signal\$1) near4 ((first & second) same (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 09:17
S84	15	("5686936"   "5708454"   "5764207"   "5801673"   "5959600"   "6037923"   "6072457").PN. OR ("6531996").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 17:58
S85	60	((supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj signal\$1) same ((both   oppos\$4) near4 (end\$1   side \$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 18:10
S86	51	S85 not S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 18:10
S87	3	((supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj signal\$1) near4 ((both   oppos\$4) near4 (terminal\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:37
S88	1	((supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj signal\$1) near4 ((first & second) same (terminal\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:39
S89	18	(re\$1enforc\$3 near3 signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:41

S90	1284	(control\$4 near6 (("same" adj signal\$1   pulse\$1   voltage\$1) near4 (first & second) same (end\$1   side \$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:44
S91	5	(control\$4 near6 (("same" adj signal\$1) near4 ((both   oppos \$4) near4 (end\$1   side \$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:44
S92	2	(control\$4 near6 (("same" adj (signal\$1   pulse\$1   voltage\$1)) near4 (first & second) same (end\$1   side \$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:48
S93	9	(control\$4 near6 (("same" adj (signal\$1   voltage\$1   pulse\$1)) near4 ((both   oppos \$4) near4 (end\$1   side \$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:47
S94	13	(generat\$4 near6 (("same" adj (signal\$1   voltage\$1   pulse\$1)) near4 ((both   oppos \$4) near4 (end\$1   side \$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:48
S95	1	(generat\$4 near6 (("same" adj (signal\$1   pulse\$1   voltage\$1)) near4 (first & second) same (end\$1   side \$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:48
S96	106	((generat\$4   supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj\$3 (signal\$1   puls\$3   voltage\$1)) near4 ((both   oppos\$4) near4 (end\$1   side \$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 09:23
S97	7	("5686936"   "5973658"   "6163310"   "6369786"   "6437767"   "6456353").PN. OR ("6670940").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 09:14

S98	5	((generat\$4   supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj (signal\$1   puls\$3   voltag\$3)) near4 ((first & second) same (end\$1   side\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 09:22
S99	21	((generat\$4   supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj (signal\$1   puls\$3   voltag\$3)) near4 ((first & second) same (end\$1   side\$1   terminal\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 09:22
S100	150	((generat\$4   supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj3 (signal\$1   puls\$3   voltage\$1)) near4 ((both   oppos\$4) near4 (end\$1   side\$1   terminal\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 09:23
S101	16	S99 not S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 09:24
S102	44	S100 not S96	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 12:34
S103	17122	(345/87-100,204-213,690-699).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 13:09
S104	652	((signal near4 line\$1) same "same" same width\$1 same length \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:07
S105	107	((signal near4 line\$1) with "same" with width \$1 with length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:31
S106	80318	"345"?\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:28
S107	20	S105 & S106	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:28
S108	41	((wiring near4 line\$1) with "same" with width \$1 with length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:32



S109	2	S106 & S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:31
S110	270	((wiring) with "same" with width\$1 with length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:36
S111	10	S106 & S110	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:33
S112	736	((wir\$3) with "same" with width\$1 with length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:44
S113	6	(S106 & S112) not (S111   S109   S107)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:44
S114	2735	((line\$1) with "same" with width\$1 with length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:44
S115	42	(S106 & S114) not (S113   S111   S109   S107)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:44
S116	3263	((((signal near4 line\$1)   wir\$4) with ("same"   identical\$3   equivalent) with (di \$1mension\$1   (width \$1 same length\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:12
S117	247	((signal near4 line\$1) with ("same"   identical \$3   equivalent) with (di \$1mension\$1   (width \$1 same length\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:53
S118	80441	"3457\$!.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:50
S119	29	S117 & S118	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:50
S120	204	((data near4 line\$1) with ("same"   identical \$3   equivalent) with (di \$1mension\$1   (width \$1 same length\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:54
S121	21	(S118 & S120) not S117	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:54
S122	18026	345/87-100,204- 213,690-699.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/19 11:08

S123	108141	((multiplex\$3   de \$1multiplex\$3   select \$3) with ((data   signal) near3 (line\$1   wir\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 18:54
S124	3639	345/98-100.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 18:54
S125	1494	S123 & S124	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 18:54
S126	56612	((multiplex\$3   de \$1multiplex\$3   select \$3) with (select\$3 near4 ((data   signal) near3 (line\$1   wir \$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 18:58
S127	1068	S124 & S126	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 18:57
S128	9666	((data   signal) near3 (line\$1   wire\$1)) near4 (select\$3 near4 circuit \$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:54
S129	407629	(multiplex\$3   de \$1multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 18:59
S130	641	S128 same S129	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:18
S131	9	S124 & S130	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:18
S132	38	("3668688"   "3787834"   "4036553"   "4110662"   "4317115"   "4395709"   "4427997"   "4468659"   "4471347"   "4574280"   "4600274"   "4602292"   "4613855"   "4633242"   "4644338"   "4646074").PN. OR ("5028916").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/16 19:17
S133	291198	(select\$3 near3 signal \$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/16 19:18
S134	353	S128 same S129 same S133	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:18
S135	4	S124 & S134	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:38

S136	515	((selection near3 signal \$1) same (both near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:51
S137	22	S128 same S136	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:52
S138	313	((selection near3 signal \$1) same (first near3 (end\$1   side\$1)) same (second near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:51
S139	3	S128 same S138	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:52
S140	11652	((column   source   data   signal) near3 (line\$1   wire\$1)) near4 (select\$3 near4 circuit \$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:54
S141	30	(S136   S138) same S140	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:55
S142	5	S141 not (S137   S139)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:59
S143	2	"20010022565".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:59
S144	1975870	(((((first near3 (end\$1   side\$1)) with (second near3 (end\$1   side\$1)))   (both near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 12:39
S145	579216	((column   source   signal   data) near3 driv \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 12:40
S146	11484	S144 same S145	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 12:40
S147	3645	345/98-100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 12:41
S148	243	S146 & S147	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 12:52
S149	456559	(select\$3 near3 (signal \$1   wire\$1   lines))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 12:53
S150	2188	S144 with S149	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:53

S151	30	S147 & S150	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:53
S152	141	("4010322"   "4258387"   "4336524"   "4573766" "4630895"   "4634225"   "4636866" "4695129"   "4704740"   "4814876" "4837817"   "4856045"   "4856088" "4873576"   "4916441"   "4923285" "4928300"   "4934773"   "4952032" "4958915"   "4959642"   "4977456" "5003300"   "5008658"   "5008788" "5023931"   "5042918"   "5048077" "5077784"   "5079627"   "5088806" "5106179"   "5111498"   "5122880" "5132825"   "5138312"   "5162828" "5164833"   "5164980"   "5185712" "5189632"   "5204660"   "5206749" "5220366"   "5224198"   "5239665" "5256562"   "5258325"   "5260625" "5280372"   "5281957"   "5300788" "5300976"   "5305244"   "5311206" "5317236"   "5321416"   "5325429" "5331333"   "5335276"   "5347378" "5347400"   "5362671"   "5371493" "5376979"   "5381179"   "5381309" "5398043"   "5402143"   "5404580" "5412396"   "5416496"   "5422656" "5432358"   "5440197"   "5444557" "5467215"   "5469278"   "5483285"	US-PGPUB; USPAT; USOOR	OR	OFF	2007/05/17 14:39

		"5485285"   "5485504"   "5486708"   "5486946"   "5495287"   "5515424"   "5528285"   "5537129"   "5539554"   "5541640"   "5548271"   "5549747"   "5550754"   "5561538"   "5584070"   "5585948"   "5596451"   "5608553"   "5634080"   "5640174"   "5642129"   "5646432"   "5666133"   "5673059"   "5682214"   "5684354"   "5691783"   "5694147"   "5726671"   "5734875"   "5748237"   "5757445"   "5761485"   "5767828"   "5777594"   "5806950"   "5812101"   "5815126"   "5815228"   "5818634"   "5821911"   "5867795"   "5889567"   "5892325"   "5920298"   "5926161").PN. OR ("5929958"   "6007209").PN. OR ("6232937").URPN.				
S153	408011	(multiplex\$3   de \$1multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 14:40
S154	456559	(select\$3 near3 (signal \$1   wire\$1   lines))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 14:41
S155	1975870	((first near3 (end\$1   side\$1)) with (second near3 (end\$1   side \$1)))   (both near3 (end \$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:24
S156	2188	S154 with S155	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 14:43
S157	87	S153 same S156	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 14:44
S158	1	2005-247898.NRAN.	DERWENT	OR	OFF	2007/05/17 15:27

S159	6323	(time near3 division near3 multiplex\$3)	DERWENT	OR	OFF	2007/05/17 15:28
S160	149	S154 same S159	DERWENT	OR	OFF	2007/05/17 15:30
S161	0	S155 same S160	DERWENT	OR	OFF	2007/05/17 15:30
S162	0	S155 & S160	DERWENT	OR	OFF	2007/05/17 15:29
S163	0	"345"/\$!.ccls.	DERWENT	OR	OFF	2007/05/17 15:38
S164	149	S154 same S159	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:32
S165	0	S155 same S160	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:30
S166	6357	((de\$1mux   de \$1multiplex\$3) same ((data   signal   source   column) near3 (line\$1   wires\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:34
S167	861	S154 same S166	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:34
S168	6	S155 same S167	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:34
S169	83727	"345"/\$!.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:38
S170	89	S167 & S169	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:38
S171	2507	((de\$1mux   de \$1multiplex\$3) near3 (control\$4 near3 signal \$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:08
S172	10	S155 same S171	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:09
S173	1255	((de\$1mux   de \$1multiplex\$3) near3 (generat\$4 near3 signal \$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:11
S174	1	S155 same S173	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:13
S175	22351	((de\$1mux   de \$1multiplex\$3) near3 (signal\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:11

S176	243	S155 same S175	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:15
S177	0	S163 & S176	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:16
S178	5	S169 & S176	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:22
S179	230651	((select\$3 near3 circuit \$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 17:05
S180	2264	S155 same S179	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:24
S181	1444	((select\$3 near3 circuit \$2) with ((both   second) near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:07
S182	3	S175 same S181	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 17:06
S183	483	((supply\$3   provid\$3   feed\$3) near3 (signal \$1) near3 ((both   oppos\$3) near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:31
S184	103473	((selection   selecting) near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:14
S185	170201	((selection   selecting) near3 circuit\$2)   de \$1mux   de\$1multiplex \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:29
S186	3	S183 same S185	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:17
S187	24	S183 & S185	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:17
S188	21	S187 not S186	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:18
S189	150304	((selection   selecting   decid\$3   decision   choos\$3   de\$1mux   de \$1multiplex\$3) near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:44

S190	580	((supply\$3   provid\$3   feed\$3) near3 (signal\$1   data) near3 ((both   oppos\$3) near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:53
S191	2	S189 same S190	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:32
S192	8	(S189 & S190) not (S186   S187)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:45
S193	189984	((selection   selecting   decid\$3   decision   choos\$3   de\$1mux   de\$1multiplex\$3   mux   multi\$1plex\$3) near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:54
S194	12	(S190 & S193) not (S186   S187   S192)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:55
S195	1303	((supply\$3   provid\$3   feed\$3) near3 (signal\$1   data) near3 ((both   oppos\$3   each   second) near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:25
S196	232544	((selection   selecting   decid\$3   decision   choos\$3   de\$1mux   de\$1multiplex\$3   mux   multi\$1plex\$3) near3 (circuit\$2   driv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:55
S197	86	(S195 & S196) not (S186   S187   S192   S194)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:56
S198	5	(S195 same S196) not (S186   S187   S192   S194)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:03
S199	81	S197 not (S186   S187   S192   S194   S198)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:21
S200	6	("6229506"   "2002003718").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:18
S201	233	((((selection   selecting) near3 (signal\$1   line \$1)) with ((both   opposi\$3   each) near3 (end\$1   sides)) with ((select\$2 near3 circuit \$2)   circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 12:36



S202	232	S201 not (S186   S187   S192   S194   S198   S199)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 12:37
S203	83727	"3457\$!.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:21
S204	13	S203 & S202	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:21
S205	150	((((timing   select\$3   control) near3 (signal\$1   line\$1)) with ((both   opposi\$3   each) near3 (end\$1   sides) with ((select\$2 near3 circuit \$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:44
S206	5	S203 & S205	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:29
S207	197	((((timing   select\$3   control) near3 (signal\$1   line\$1)) with ((both   opposi\$3   each) near3 (end\$1   sides   terminal\$1)) with ((select\$2 near3 circuit \$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:44
S208	8	S203 & S207	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:44
S209	3	S208 not S206	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:45
S210	334	((((selection   selecting) near3 (signal\$1   line \$1)) with ((both   opposi\$3   each) near3 (end\$1   sides   terminal\$1)) with ((select\$2 near3 circuit \$2)   circuit\$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:04
S211	23	S203 & S210	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 12:37
S212	22	S211 not (S186   S187   S192   S194   S198   S199)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:09

S213	1491	((selection   selecting) near3 (signal\$1   line \$1)) with ((both   opposi\$3   each   second) near3 (end\$1   sides   terminal\$1)) with ((select\$2 near3 circuit\$2)   circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:09
S214	117	S203 & S213	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:09
S215	92	S214 not (S186   S187   S192   S194   S198   S199   S211)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:24
S216	4603	((data   signal   source   column) near3 line near3 switch\$3 near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:39
S217	773	((supply\$3   provid\$3   feed\$3) near3 (signal\$1   data) near3 ((both   opposi\$3   each) near3 (end\$1   side\$1   terminal\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:28
S218	1	S216 with S217	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:29
S219	1	S216 same S217	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:27
S220	3	S216 & S217	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:27
S221	36001	((signal\$1   data) near3 ((both   opposi\$3   each) near3 (end\$1   side\$1   terminal\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:28
S222	9	S216 with S221	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:31
S223	8	(S216 same S221) not S222	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:33
S224	214	(S216 & S221) not (S222   S223)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:34
S225	50	S203 & S224	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:34

S226	4607	((data   signal   source   column   de\$1mux   demultiplex\$3) near3 line near3 switch\$3 near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:40
S227	1	S217 with S226	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:41
S228	1	S217 same S226	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:41
S229	3	S217 & S226	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:41
S230	18857	(345/87-100,204-213,690-699).cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/23 15:30
S231	263	((((supply\$3   feed\$3   provid\$3) near4 (select \$3 near3 signal\$1)) & (((first near3 (end\$1   side\$1   terminal\$1)) & (second near3 (end\$1   side\$1   terminal\$1))))   (oppos\$3 near4 (end\$1   side\$1   terminal\$1))))).clm.	US-PGPUB	OR	OFF	2007/05/23 15:35
S232	277	((((supply\$3   feed\$3   provid\$3) near4 (select \$3 near3 signal\$1)) & (((first near3 (end\$1   side\$1   terminal\$1)) & (second near3 (end\$1   side\$1   terminal\$1))))   ((oppos\$3   both) near4 (end\$1   side\$1   terminal\$1))))).clm.	US-PGPUB	OR	OFF	2007/05/23 15:36
S233	76	((((supply\$3   feed\$3   provid\$3) near4 (select \$3 near3 signal\$1)) same (((first near3 (end\$1   side\$1   terminal\$1)) & (second near3 (end\$1   side\$1   terminal\$1))))   ((oppos\$3   both) near4 (end\$1   side\$1   terminal\$1))))).clm.	US-PGPUB	OR	OFF	2007/05/23 15:51

S234	5	((data near3 line near3 (select\$3   switch\$3)) & (((supply\$3   feed\$3   provid\$3) near4 (select \$3 near3 signal\$1)) same (((first near3 (end \$1   side\$1   terminal \$1)) & (second near3 (end\$1   side\$1   terminal\$1)))   ((oppos \$3   both) near4 (end \$1   side\$1   terminal \$1))))).clm.	US-PGPUB	OR	OFF	2007/05/23 15:55
S235	18	((data near3 line near3 (select\$3   switch\$3)) & (((supply\$3   feed\$3   provid\$3) near4 (select \$3 near3 signal\$1))) & (((((first near3 (end\$1   side\$1   terminal\$1)) & (second near3 (end\$1   side\$1   terminal\$1))))   ((oppos\$3   both) near4 (end\$1   side\$1   terminal\$1))))).clm.	US-PGPUB	OR	OFF	2007/05/23 16:01
S236	40	((data near3 line near3 (select\$3   switch\$3)) & (((supply\$3   feed\$3   provid\$3) near4 (select \$3 near3 signal\$1))) & (((((first near3 (end\$1   side\$1   terminal\$1)) & (second near3 (end\$1   side\$1   terminal\$1))))   ((oppos\$3   both) near4 (end\$1   side\$1   terminal\$1))))).clm.	US-PGPUB; USPAT	OR	OFF	2007/05/23 16:01
S237	22	S236 not S235	US-PGPUB; USPAT	OR	OFF	2007/05/23 16:02
S238	150468	((data   source   signal   column) near3 (switch \$3   select\$3) near3 (circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 12:12
S239	3529	((supply\$3   feed\$3   provid\$3) near3 (signal \$1   line\$1) near4 (both   oppos\$4   each) near3 (end\$1   terminal \$1   side\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 10:54

S240	3784	((supply\$3   feed\$3   provid\$3) near3 (signal \$1   line\$1) near4 ((both   oppos\$4   each) near3 (end\$1   terminal\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 10:55
S241	21	S238 same S240	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 11:11
S242	209	(S238 & S240) not S241	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 11:11
S243	83912	"345"/\$1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 11:12
S244	31	S242 & S243	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 11:12
S245	7768	((de\$1mux   de \$1multiplex\$3) near3 (circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:43
S246	0	S240 same S245	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 12:14
S247	4	S240 & S245	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:10
S248	34	((signal near3 (line\$1   wir\$3   trace\$1   lead \$1)) near3 (("same"   equal) near4 (width\$1 near4 length\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:37
S249	69813	(de\$1mux   de \$1multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:44
S250	912	S238 same S249	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:44
S251	35927	((("same"   equal   equivalen\$2) near4 (width\$1 near4 length \$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:40
S252	40	S250 & S251	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:39
S253	0	S250 same S251	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:39

S254	1850	((line\$1   wir\$3   trace \$1) near6 ("same"   equal   equivalen\$2) near4 (width\$1 near4 length\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:08
S255	35	S250 & S254	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:45
S256	7826	((d\$2mux   de \$1multiplex\$3) near3 (circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:43
S257	70133	(d\$2mux   de \$1multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:05
S258	918	S238 same S257	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:44
S259	35	S254 & S258	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:46
S260	34	S243 & S258	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:46
S261	5	("6566643"   "6700562"   "6806854"   "7034276"   "7154488").PN. OR ("7193602").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/25 14:59
S262	10425	((d\$2mux   de \$1multiplex\$3) with (control\$4   select\$3   switch\$3) near3 (signal \$1   line\$1   wire\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:07
S263	4762	((d\$2mux   de \$1multiplex\$3) with (control\$4   select\$3   switch\$3) near3 (signals   lines   wires))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:07
S264	1	S254 same S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:10
S265	1	S251 same S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:09
S266	0	S243 same S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 16:16
S267	3	S254 & S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:12

S268	13	S251 & S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:13
S269	10	S268 not S267	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 16:17
S270	174	S243 & S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 16:16
S271	172	S270 not (S267   S268)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 16:17
S272	17	("20020047581"   "20020118150"   "20040041769"   "5426447"   "5510807"   "5686936"   "5708454"   "6229506"   "6229508"   "6362798"   "6369786"   "6580408"   "6650060"   "6731266"   "6760005"   "6809482").PN. OR ("7057589").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/25 17:05
S273	17	("20020047581"   "20020118150"   "20040041769"   "5426447"   "5510807"   "5686936"   "5708454"   "6229506"   "6229508"   "6362798"   "6369786"   "6580408"   "6650060"   "6731266"   "6760005"   "6809482").PN. OR ("7057589").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/25 17:20
S274	17	("20020047581"   "20020118150"   "20040041769"   "5426447"   "5510807"   "5686936"   "5708454"   "6229506"   "6229508"   "6362798"   "6369786"   "6580408"   "6650060"   "6731266"   "6760005"   "6809482").PN. OR ("7057589").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/25 17:21
S275	19778	(345/87-100,204- 213,690-699).cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/10 13:48

S276	9989	((trace\$1   lead\$1) with ("same"   equal) with (size\$1   width\$1   dimension\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:38
S277	88645	"345"/\$!.cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:03
S278	90	S276 & S277	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:38
S279	657270	(select\$3 near4 (circuit \$3   apparatus   device \$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:50
S280	30	S278 & S279	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:04
S281	19898	((trace\$1   lead\$1   wire) with ("same"   equal) with (size\$1   width\$1   dimension\$1   gauge\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:38
S282	136	S277 & S281	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:38
S283	48	S279 & S282	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:39
S284	18	S283 not S280	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:39
S285	282476	((two   dual) near4 input\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:49
S286	9125	S279 same S285	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:50
S287	4412	S279 with S285	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:50
S288	221	S277 & S287	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:50
S289	2345	S279 near4 S285	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:52
S290	122	S277 & S289	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:50



S291	300126	((selection   selector   selecting) near4 (circuit \$3   apparatus   device \$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:51
S292	1417	S291 near4 S285	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:52
S293	71	S277 & S292	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 16:52
S294	4573	(de\$1coder with (two near4 input\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 16:04
S295	88826	"345"/\$!.cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 16:05
S296	159	S294 & S295	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 16:05
S297	306	((two near4 side\$1)   ((dual   double   oppos \$3) near4 end\$2)) near4 decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 16:07
S298	7	S295 & S297	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 16:07
S299	20058	345/87-100,204-213,690-699.cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/02 18:43
S300	20918	345/87-100,204-213,690-699.CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/02 16:28
S301	22054	345/87-100,204-213,690-699.cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/27 10:22
S302	2	"20040227710".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/06 10:36
S303	29	(dual\$1side\$1   dual \$1end\$2) near4 input \$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/12 16:19
S304	99852	"345"/\$!.cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/12 16:19
S305	3	S303 & S304	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/12 16:19
S306	726	(two near3 (side\$1   side\$1)) with (multiplex \$3   mux   de\$1mux   de\$1multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/12 16:26

S307	9936	(two near3 (side\$1   side\$1)) with (multiplex \$3   mux   de\$1mux   de\$1multiplex\$3   select \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/12 16:26
S308	250	S304 & S307	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/12 16:28
S309	93295	(signal near4 strength \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/12 16:29
S310	7	S308 & S309	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/12 16:30
S311	1739	349/149.CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/13 15:50
S312	23097	(345/87-100,204-213,690-699).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/13 15:51
S313	3039	(signal near4 (terminal \$1   end\$1)) near6 "same" near5 (edge   end   side   border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:48
S314	749168	(de\$1mux   de \$1multiplex\$3   ((switch \$3   select\$4) near3 circuit\$2)   d\$1mux)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:50
S315	120	S313 same S314	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:50
S316	103438	"345"/\$1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:51
S317	7	S315 & S316	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:52
S318	1779	349/149.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:01
S319	113	(signal near4 (terminal \$1   end\$1   line\$1)) near6 "same" near5 (edge   end   side   border) near5 substrate \$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:01
S320	0	S314 same S319	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:02

S321	6	S318 & S319	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:02
S322	20	S316 & S319	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:04
S323	15	((signal   signal\$1line) near4 input\$3 near4 terminal\$1) with ("same" near5 (edge   end   side   border) near5 substrate\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:08
S324	6	S314 & S323	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:09
S325	2651	((signal   signal\$1line) near4 input\$3 near4 terminal\$1) with substrate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:10
S326	104	(de\$1mux   de \$1multiplex\$3   ((switch \$3   select\$4) near3 circuit\$2)   d\$1mux) near4 (input\$3 near3 terminal\$1) with substrate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:10
S327	2735	((signal   signal\$1line) near4 (input\$3 near4 terminal\$1)) with substrate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:10
S328	104	((de\$1mux   de \$1multiplex\$3   ((switch \$3   select\$4) near3 circuit\$2)   d\$1mux) near4 (input\$3 near3 terminal\$1)) with substrate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:11
S329	32	S327 same S328	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:11
S330	6	S316 & S329	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:11
S331	26	S329 not S330	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:17
S332	121	(video near4 (input\$4 near3 terminal\$1)) with substrate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:22

S333	104	((de\$1mux   de\$1multiplex\$3   ((switch\$3   select\$4) near3 circuit\$2)   d\$1mux) near4 (input\$4 near3 terminal\$1)) with substrate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:23
S334	3	S332 same S333	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:23
S335	3	S332 & S333	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:24
S336	7	S316 & S333	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:25
S337	7	S336 not S335	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:25
S338	2	"5021774".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:32
S339	34	("4110662"   "4261650"   "4582395"   "4716403"   "4723839"   "4724433"   "4830467"   "4870399").PN. OR ("5021774").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 13:41
S340	22	("4855724"   "5021774"   "5170158"   "5192945"   "5369417"   "5406304"   "5657040"   "5818412").PN. OR ("5973661").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 13:51
S341	1	"6507332".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:07
S342	17	("4716403"   "4779086"   "4870399"   "4890101"   "5192945"   "5376944"   "5610414"   "5654735"   "5889504"   "5973661"   "6025835").PN. OR ("6507332").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:14
S343	26480	(select\$3 near3 (signal\$1   circuit\$2)) with ((video   image) near3 signal\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:21

S344	42664	(terminal\$1 near5 substrate\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:22
S345	27	S343 same S344	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:22
S346	2	S316 & S345	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:22

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